

Appl. No. : 10/030,778
Filed : January 7, 2002

AMENDMENTS TO THE CLAIMS

Please amend the Claims as follows. Insertions are shown underlined while deletions are ~~struck through~~.

1 (currently amended): A strut mount comprising an inner member to which an upper extremity of a rod of a buffer is fixed, an outer member attached to a vehicle body while surrounding an outer circumference of the inner member, and a rubber elastomer interposed between the inner and outer members to dampen vibration:

wherein the outer member is provided with an attachment piece that is fitted and secured using bolts to an attachment plate of the vehicle body from underneath, and wherein the attachment piece ~~is curved~~comprises (a) bolt-fastening surface regions having a curvature in the form of a partial sphere corresponding to the shape of the ~~a~~ lower surface of the attachment plate curved in the form of a sphere, and (b) an upward convex portion inward of the bolt-fastening surface regions, said upward convex portion protruding from the partial sphere toward the attachment plate.

2 (withdrawn): The strut mount as set forth in claim 1, wherein the elastomer is a rubber elastomer stuck to the inner and outer members by means of die forming:

wherein the attachment piece of the outer member is equipped with a fastening surface portion that is exposed from the rubber elastomer and tightened to the attachment plate of the vehicle by bolts, and a non-fastening surface portion of plane form is provided around the fastening surface portion by being lowered via a different level portion.

3 (original): The strut mount as set forth in claim 1, wherein both the attachment piece of the outer member and the attachment plate of the vehicle body are fastened by tightening a bolt screwed to a nut, which is caulked and secured on the lower surface side of the attachment piece of the outer member, from above the attachment plate of the vehicle body.

4 (currently amended): The strut mount as set forth in claim 3, wherein the nut is a caulking nut with a cylindrical portion that is inserted into ~~the~~ a nut attachment hole formed on the attachment piece of the outer member, the caulking nut with the upsetting cylindrical portion being stuck to the attachment piece.

5 (currently amended): The strut mount as set forth in claim 3, wherein the nut is a caulking nut with ~~the~~ a cylindrical portion that is inserted into ~~the~~ a nut attachment hole formed on the attachment piece of the outer member, the caulking nut being stuck to the attachment piece

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by pressurizing the circumference of the nut attachment hole from the direction square to the attachment piece plate surface and diminishing the nut attachment hole in diameter.

6 (original): The strut mount as set forth in claim 5, wherein the outer circumferential surface of the cylindrical portion of the caulking nut is corrugated, and an extra wall surrounding the nut attachment hole cuts into the corrugated outer circumferential surface of the cylindrical portion as the nut attachment hole is diminished in diameter, the extra wall acting as a steady rest to restrain the caulking nut from turning together with the bolt.

7 (withdrawn and previously presented): The strut mount as set forth in claim 1, wherein the elastomer is a rubber elastomer stuck to the inner and outer members by means of die forming, the attachment piece is equipped with a fastening surface portion that is exposed from the rubber elastomer and tightened to the attachment plate of the vehicle body by the bolts, and a non-fastening surface portion is provided around the fastening surface portion by being lowered via a different level portion.

8 (withdrawn and previously presented): The strut mount as set forth in claim 7, wherein the rubber elastomer is formed by preventing the rubber elastomer from coming into the fastening surface portion by pressing a forcing surface portion provided on a forming die against the non-fastening surface portion.

9 (canceled)

10 (canceled)

11 (canceled)

12 (canceled)

13 (canceled)

14 (currently amended): A strut mount comprising:

an inner member to which an upper extremity of a rod of a buffer is to be fixed;

an outer member surrounding an outer circumference of the inner member, said outer member being provided with an attachment piece fitted and secured to an attachment plate of a vehicle body from underneath, said attachment piece (i) having a lower surface on which nuts are caulked and secured, (ii) being curved in the form comprising (a) bolt-fastening surface regions having a curvature of a partial sphere corresponding to the shape of a curved lower surface of the attachment plate curved in the form of a sphere and (b) an upward convex portion inward of the bolt-fastening surface

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regions, said upward convex portion protruding from the partial sphere toward the attachment plate, and (iii) being fastened to the attachment plate of the vehicle body with bolts screwed downward to the nuts through the attachment plate of the vehicle body; and

a rubber elastomer interposed between the inner and outer members to dampen vibration and enclosing the outer member, wherein the lower surface of the attachment piece has around each nut at the bolt-fastening surface portion region that is not covered with the rubber elastomer.

15 (currently amended): A strut mount comprising:

an inner member to which an upper extremity of a rod of a buffer is to be fixed;
an outer member surrounding an outer circumference of the inner member, said outer member being provided with an attachment piece fitted and secured to an attachment plate of a vehicle body from underneath, said attachment piece (i) having a lower surface on which nuts are attached, (ii) ~~being curved in the form comprising (a) bolt-fastening surface regions having a curvature of a partial sphere corresponding to the shape of a curved lower surface of the attachment plate curved in the form of a sphere, and (b) an upward convex portion inward of the bolt-fastening surface regions, said upward convex portion protruding from the partial sphere toward the attachment plate,~~ and (iii) being fastened to the attachment plate of the vehicle body with bolts screwed downward to the nuts through the attachment plate of the vehicle body; and

a rubber elastomer interposed between the inner and outer members to dampen vibration and enclosing the outer member, wherein the lower surface of the attachment piece has around each nut at the bolt-fastening surface portion region that is not covered with the rubber elastomer.

16 (currently amended): A strut mount comprising:

an inner member to which an upper extremity of a rod of a buffer is to be fixed;
an outer member surrounding an outer circumference of the inner member, said outer member being provided with an attachment piece fitted and secured to an attachment plate of a vehicle body from underneath, said attachment piece ~~being curved in the form comprising (a) bolt-fastening surface regions having a curvature of a partial sphere corresponding to the shape of a curved lower surface of the attachment plate curved in the form of a sphere, and (b) an upward convex portion inward of the bolt-~~

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fastening surface regions, said upward convex portion protruding from the partial sphere toward the attachment plate, said upward convex portion protruding from the partial sphere toward the attachment plate, wherein both the attachment piece of the outer member and the attachment plate of the vehicle body are fastened with bolts screwed to nuts; and

a rubber elastomer interposed between the inner and outer members to dampen vibration and enclosing the outer member, wherein the lower surface of the attachment piece has around each nut at the bolt-fastening surface portionregion that is not covered with the rubber elastomer.